

---

# SMPTE STABLE DOCUMENT

---



**The attached SMPTE Engineering Document has been declared “Stable” by the controlling Technology Committee.**

**The SMPTE Operations Manual for Standards states:**

*A document should be stabilized if it is believed to be substantially correct, does not contain harmful or misleading recommendations, may still be relevant to equipment or practices in use, is stable, but does not represent current technology, and need not be subject to future reviews.*

*A Stable document shall still be made available and offered for sale by the Society, but it shall be prefaced by a cover page explaining its current status.*

*At any time, a Technology Committee may revise, amend, or otherwise initiate a new Project on a Stable document.*

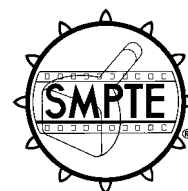
**A Stable document is “In Force”, and not deprecated or withdrawn.**

**\* \* \* \* \***

**Note:**

**SMPTE “Stable” documents were previously described as “Archived” and the attached document may be marked as “Archived”. The status of a SMPTE document described as “Archived” is exactly as described above for a “Stable” document.**

**Stable documents may not adhere to the latest style and format of SMPTE documents, or to current usage of normative language. Suitable care should be taken in interpretation.**

**SMPTE STANDARD****ANSI/SMPTE 5-1995**Revision of  
ANSI/SMPTE 5-1989**for Television Analog Recording —  
2-in Reels**

Page 1 of 2 pages

**1 Scope**

This standard specifies the dimensions of reels in maximum capacities of 750, 1650, 3600, 5540, and 7230 ft designed to accommodate the maximum thickness of 2-in wide magnetic tape for television recording, as specified in ANSI/SMPTE 1.

**2 Normative reference**

The following standard contains provisions which, through reference in this text, constitute provisions of this standard. At the time of publication the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below.

ANSI/SMPTE 1-1990, Video Recording — 2-in Magnetic Recording Tape

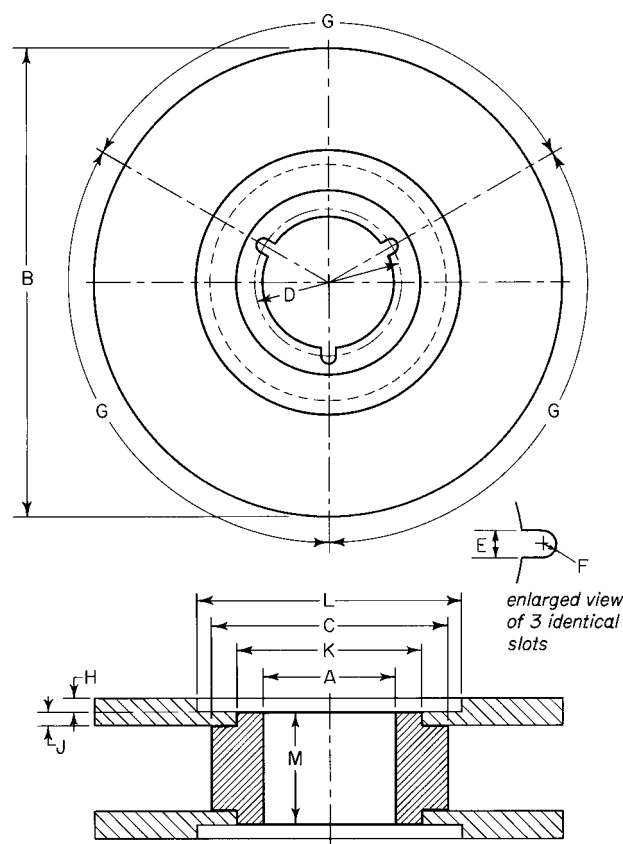
**3 Reel dimensions**

**3.1** The dimensions of the reels shall be as specified in the figure and tables.

**3.2** Flange-fastening members shall be flush with or below the outer surface of the flanges.

**3.3** The outside cylindrical surface of the hub (C diameter) shall be concentric with the center bore (A diameter) within 0.002 in (0.05 mm) and shall have a maximum taper of 0.0016 in (0.041 mm).

**3.4** The outside diameter of the flanges (B diameter) shall be concentric to the center bore of the hub (A diameter) within 0.015 in (0.38 mm).

**Figure 1 – Reel dimensions**

CAUTION NOTICE: This Standard may be revised or withdrawn at any time. The procedures of the Standard Developer require that action be taken to reaffirm, revise, or withdraw this standard no later than five years from the date of publication. Purchasers of standards may receive current information on all standards by calling or writing the Standard Developer. Printed in USA.